

ABSTRACT

A halftoning method and apparatus reduces the occurrence of unaesthetic color print output associated with the different relationships found in the numeric data contained within the color data planes. The calculation, 5 modification and distribution of error values, resulting from the mismatch between color plane values and firing thresholds, are performed in a manner that minimizes unaesthetic conditions. Error values are modified by use of error modification functions, bitmaps and matrixes. Firing decisions are based on a comparison of the modified error.

10

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